

US 20140130029A1

(19) United States

(12) Patent Application Publication BRAR et al.

(10) Pub. No.: US 2014/0130029 A1

(43) **Pub. Date:** May 8, 2014

(54) VIRTUALIZED APPLICATION IMAGE PATCHING

(71) Applicant: MICROSOFT CORPORATION,

Redmond, WA (US)

(72) Inventors: GURASHISH BRAR, Redmond, WA

(US); **JOE K. YAP**, Redmond, WA (US); **TREVOR MCDIARMID**,

Redmond, WA (US)

(73) Assignee: MICROSOFT CORPORATION,

Redmond, WA (US)

(21) Appl. No.: 14/153,324

(22) Filed: Jan. 13, 2014

Related U.S. Application Data

(63) Continuation of application No. 12/059,978, filed on Mar. 31, 2008, now Pat. No. 8,631,397.

Publication Classification

(51) **Int. Cl.**

G06F 9/44 (2006.01) **G06F 9/455** (2006.01)

(52) U.S. Cl.

(57) ABSTRACT

Virtual applications are automatically kept up to date with the current version of a virtual application. Instead of the client having to obtain the entire version of the current virtual application, the client obtains the portions of the current virtual application that are changed from its version of the virtual application. After obtaining the changes needed to update its version of the virtual application, the client integrates those changes into its version of the virtual application.

